



***The Air Force Office of Scientific Research
Announces***

***A Workshop on Aerospace
Materials for Extreme
Environments***

Hosted by

***Missouri S&T and Boeing
3-5 August 2009
St Louis, Missouri***





DEPARTMENT OF THE AIR FORCE
AIR FORCE OFFICE OF SCIENTIFIC RESEARCH (AFOSR)
875 North Randolph Street, Arlington, VA 22203-1954

6 March 2009

Dear Colleagues:

We invite you to attend an AFOSR sponsored Workshop on Aerospace Materials for Extreme Environments to be held August 3-5, 2009, at the Crowne Plaza Hotel in Clayton, Missouri. This workshop will feature invited presentations by speakers from academia, industry and government agencies that will provide insight into the current status of UHT materials which one day may transition into applications for air and space systems within the Air Force.

This workshop serves as the Annual Contractors Meeting for AFOSR sponsored projects. In addition, manuscripts based on the presentations will be collected in a special issue of the Journal of the European Ceramic Society, which will be published in late 2009 or early 2010.

To maintain an informal, interactive atmosphere, attendance is limited and by invitation only.

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Tentative Meeting Agenda

Monday August 3, 2009

1:00-1:30 pm	Registration
1:30-4:30 pm	Workshop presentations
4:30-6:30 pm	Poster session

Tuesday August 4, 2009

8:30-noon	Workshop presentations
Noon-1:30 pm	Lunch break
1:30-5:30 pm	Workshop presentations

Wednesday, August 5, 2009

8:30-noon	Workshop presentations
Noon-1:30 pm	Lunch break
1:30-5:30 pm	Site tour of Boeing

Thursday, August 5, 2009

8:30-noon	We hope to arrange a tour of Boeing F-18 assembly area Open to U.S. Citizens only (must submit information by May 1)
Afternoon	Optional trip to visit Missouri S&T (note: Rolla is ~100 miles from Clatyon. Transportation will be arranged for those interested in making the trip to tour campus.

Workshop Location

The Workshop on Aerospace Materials for Extreme Environments will be held August 3-5, 2009, at the Crowne Plaza Hotel in Clayton, Missouri. Clayton is a suburb that lies just west of downtown St Louis, Missouri. Clayton is home to corporate headquarters and regional offices of several Fortune 500 companies.

The Crowne Plaza is a full service upscale hotel that is within walking distance of many of the St. Louis areas finest restaurants, bars, shops, and galleries. The hotel has over 21,000 square feet of meeting space. It has recently undergone a major renovation of the public spaces and guest rooms.

The Crowne Plaza is located at 7750 Carondelet Avenue in downtown Clayton. The hotel has a complementary airport shuttle bus, but is also easily accessible by car, taxi, or the MetroLink rail system. More information is provided below on traveling to the hotel.

Workshop Registration

Registration for this workshop is required but there is no registration fee. For planning purposes, *please register by **July 1, 2009***. To register, send your name, affiliation, work address, email address, and phone number to the address below. Participation in the planned activities at Boeing will require additional communication with the organizers as described below.

To register, please contact

Ms. Carol Brown
Department of Materials Science and Engineering
Missouri University of Science and Technology
218 McNutt Hall
Rolla, MO 65409
Phone: (573) 341-4711
Email: browncaro@mst.edu

Registration information

Full name
Position and affiliation
Work address
Phone number
email address
Citizenship (if dual citizenship is held, list all countries)

Workshop Participation

Workshop participation is by invitation only. Presentations should include information that is unclassified and cleared for public release.

Journal/Manuscript Information

Manuscripts based on the presentations will be collected for publication in a special issue of the Journal of the European Ceramic Society. All workshop participants are required to submit a manuscript for publication in this special issue of JECS, unless other arrangements are made with Dr. Fuller prior to registration.

Manuscripts will be due prior to the meeting, tentatively August 1, 2009. Draft manuscripts will be submitted electronically to Ms. Carol Brown at Missouri S&T (browncaro@mst.edu). Manuscripts will be formally submitted to the Journal of the European Ceramic Society after an initial screening by the workshop organizers. More information on the preparation and submission of manuscripts will be forthcoming.

Meeting Attire

Military: Short sleeve open collar.

Civilian: Business casual.

Site Visit to Boeing

During the afternoon of Wednesday, August 5, a workshop session will be held at the facilities of Boeing, St. Louis. The activities will be open to all workshop participants who pre-register and will hopefully include a tour of the Large Core Arc Tunnel as well as presentations from the High Temperature Materials group from Boeing. To be eligible for this activity, you must pre-register. For U.S. citizens, names must be submitted no later than **July 1, 2009**. For non-U.S. persons or those holding dual citizenship, information must be submitted by **May 1, 2009**. Government issued photo identification such as a passport or U.S. drivers license will be required at the time of the visit. Submit information to Ms. Carol Brown at Missouri S&T (browncaro@mst.edu or (573) 341-4711). Please specify in your message if you are registering for the general workshop, the site tour, or both.

Possible Tour of F-18 Assembly Area

We hope to organize a tour of the F-18 assembly area at Boeing-St. Louis. This potential activity is only open to U.S. citizens. To be eligible for this tour, please submit your name to Ms. Carol Brown at Missouri S&T (Submit information to Ms. Carol Brown at Missouri S&T (browncaro@mst.edu or (573) 341-4711) no later than **May 1, 2009**. Please specify that you want to be included on the assembly area tour. Also, please include your full name as shown on your government-issued identification card, your position, your affiliation, your work address, your phone number, and your email address along with a short statement that you are a U.S. citizen. Unfortunately, persons with dual citizenship may not be able to participate in this activity. You may be contacted by a Boeing representative for confirmation and/or more information.

Lodging

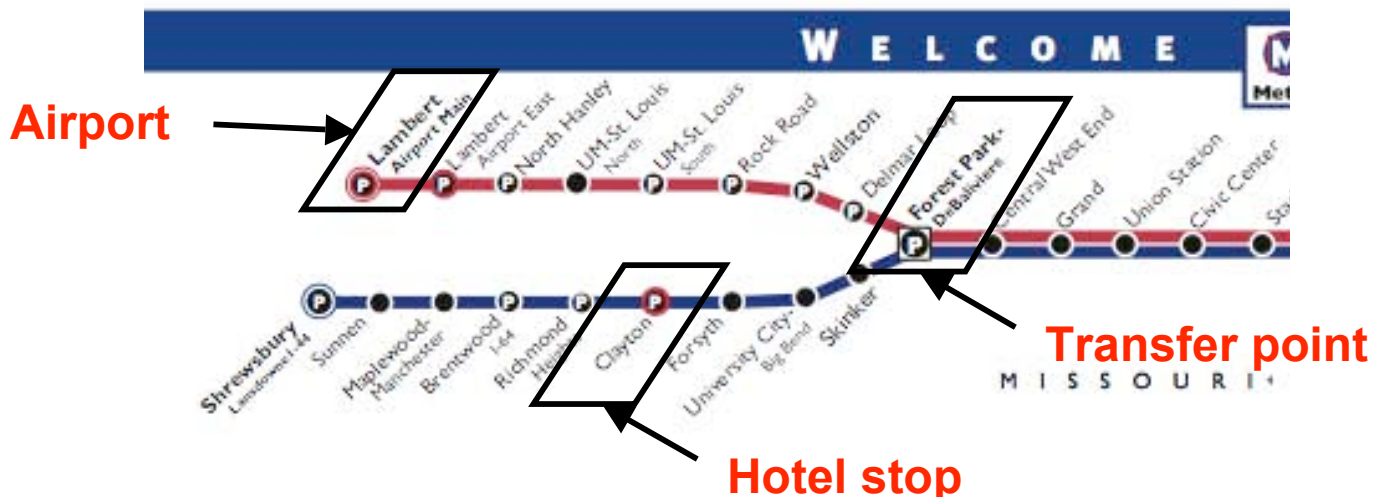
Workshop attendees are responsible for making their own lodging arrangements. A block of rooms has been reserved at the Crowne Plaza at the special rate of \$129 per night plus tax. Hotel parking is \$6 per day if you will be arriving by car. When making your reservation by phone, please mention the Workshop on Materials for Extreme Environments. If making your reservation on-line, a group code will be available, but is not know at this time. A credit card is required for reservations. The room block will be held until July 10, 2009.

Workshop Location and Room Block

Crowne Plaza St. Louis – Clayton
7750 Carondelet Avenue
Clayton (St. Louis), Missouri 63105
ph: (314) 726-5400 fax: (314) 719-1127
Reservations:
By phone at (800) 439-5719
On-line at <http://www.cpclayton.com/>

Transportation

- Hotel Shuttle: Dial #68 on the red courtesy phone near the baggage claim area. The shuttle operates between 6:00 am and 10:00 pm daily.
- By car: Exit the airport to I-70 East to I-170 south (exit 238B, ~1/2 mile). Take I-170 south to Ladue Road (~3 miles). Turn right onto Ladue and proceed to Bemiston. Turn right onto Bemiston and proceed one block to Carondelet. Turn left onto Carondelet and make an immediate right into the hotel entrance.
- By MetroLink: Red line trains depart the Main Terminal and the East Terminal of Lambert St. Louis International Airport about every 15 minutes between 5:00 am and midnight. To get to the hotel, take the Red Line east (toward Shiloh-Scott AFB) to the Forest Park-DeBaliviere station. At Forest Park-DeBaliviere, transfer to the Blue Line west (toward Shrewsbury). Exit at the Clayton station. From the station, walk North on Central Avenue 2 blocks. Turn right on Carondelet Avenue. The hotel is one block east at the corner of Bemiston and Carondelet.



Meals

Basic refreshments and snacks will be available each morning and during the morning and afternoon breaks in the program. Attendees will be on their own for other meals. Downtown Clayton is home to a wide variety of restaurants, many of which are within walking distance of the hotel. Contact the hotel for a list of restaurants and directions or visit the city of Clayton web site at <http://www.ci.clayton.mo.us> for a complete list of local establishments.

Audio Visual Support

A microphone, a personal computer, an LCD projector, and a laser pointer will be available. Please bring your presentation on a CD or a memory stick if possible.

Contact Information

For more information, contact any of the workshop organizers.

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